

S105103



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW109-3130-83-111
Job Sheet 182427



Part No: RBW109-3130-83-111

Job Qty: 1 ea

Part Name: Tool Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/24/18

Job Tracking No: RA144

Due Date: 8/27/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description:

Note: DWG RBW109-3130-83-111 Rev A IPP Rev A 17.12.21 New issue DP Verify DD/IPP Rev. B 18.04.19 new drawing DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	8/27/18	8/27/18	0.00	0.00	Start Up Small Fab-4		See attached
95	Small Fab	1 pcs	8/27/18	8/27/18	0.00	0.00	Small Fab-6		See attached
110	QC	1 pcs	8/27/18	8/27/18	0.00	0.00	QC5		38
111	Outsource	1 pcs	8/27/18	8/27/18	0.00	0.00			38
112	Packaging	1 pcs	8/27/18	8/27/18	0.00	0.00	Packaging2		38
113	QC	1 pcs	8/27/18	8/27/18	0.00	0.00	QC6		38
115	Packaging	1 pcs	8/27/18	8/27/18	0.00	0.00	Packaging3		38
120	QC21-FG	1 Ea	8/27/18	8/27/18	0.00	0.00	QC21		38

Part Op 95 - Re-Identify
Descriptions:

Outsource: Groupe Altech. PO41056

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW109-3130-83-109	Reactor Assembly	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RBW109-3130-83-109	1	6	0

Part Specifications

Specifications could not be found.

Plex 9/11/18 3:31 PM Dart.Gagnon.Michelle

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RBW109-3130-83-111**Job Sheet 182427****Part No:** RBW109-3130-83-111**Job Qty:** 1 ea**Part Name:** Tool Assembly**Part Weight:** 0 lbs**Status:** Scheduled**Priority:** Medium**Job Created:** 8/24/18**Job Tracking No:** RA144**Due Date:** 8/27/18**Created By:** Michelle Gagnon-Donovan**Type:** Return**Description:**

Note: DWG RBW109-3130-83-111 Rev A IPP Rev A 17.12.21 New issue DP Verify DD/IPP Rev. B 18.04.19 new drawing DP Verify DD

Ship Via:**Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	8/27/18	8/27/18	0.00	0.00	Start Up Small Fab-4		M 18/08/24
110	QC	1 pcs	8/27/18	8/27/18	0.00	0.00	QC5		
115	Packaging	1 pcs	8/27/18	8/27/18	0.00	0.00	Packaging3		
120	QC21-FG	1 Ea	8/27/18	8/27/18	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW109-3130-83-111 109	Tool Assembly	1 Ea (1 ea)	90-Start up Operation	S033033

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RBW109-3130-83-111	1	0	0

Part Specifications

Specifications could not be found.

Plex 8/24/18 8:59 AM Dart.Gagnon.Michelle

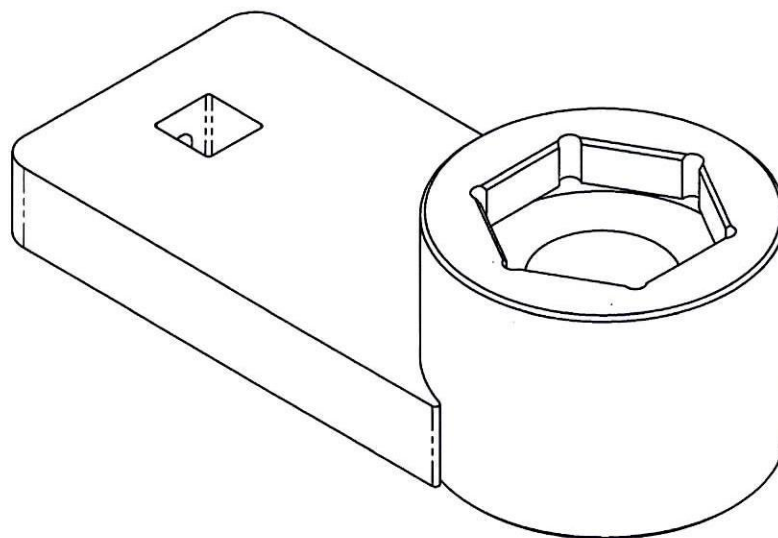
Inspection Sheet Complete RA144

Customer QA Ref # NCR17-6710

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
RBW109-3130-83-109	N/A	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	DAMAGED/REPAIRABLE	S033033	Return from customer because part was miss identify (see NCR17-6710) Keep part in quarantine until drawing are revise. When drawing are revise, the part will need rework as per the following. - Remove existing marking and identify as RBW109-3130-83-111 - Send back for black oxide.
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: P.D. _____

Date: 28-Feb-18 _____



RBW109-3130-83-111 TOOL ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A

- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$

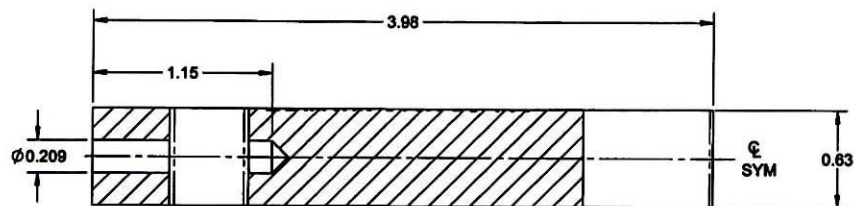
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED

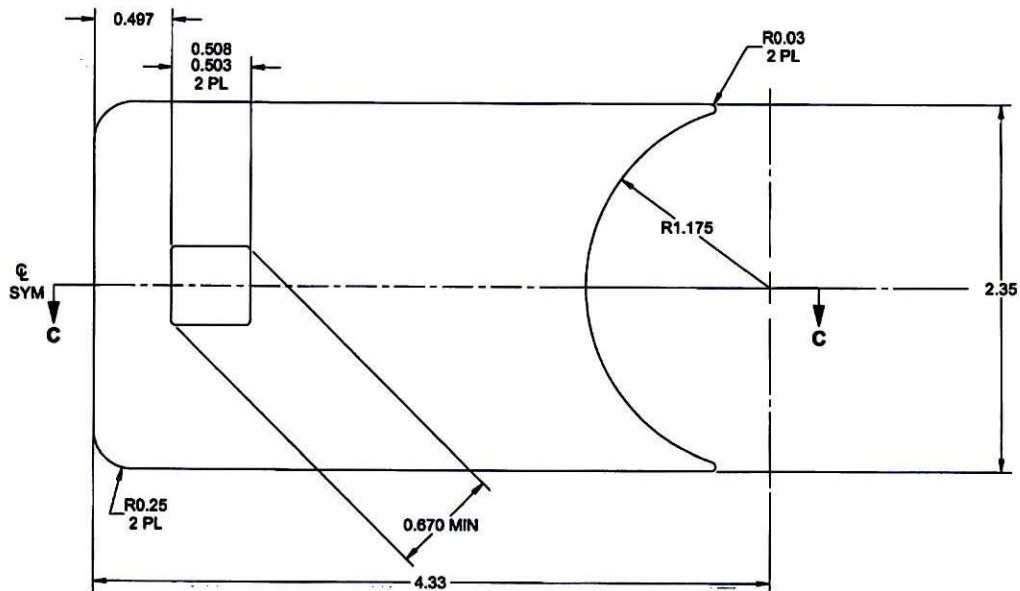
- 6) BREAK SHARP EDGES: N/A

- 7) IDENTIFICATION: N/A

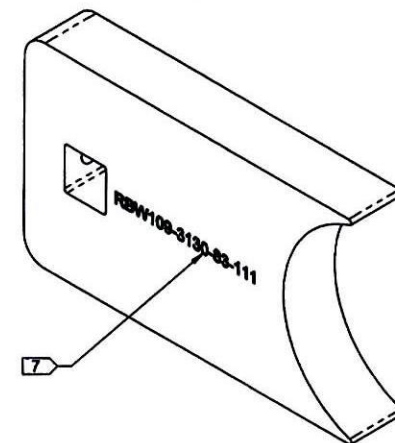
A	DIMENSION R.06 CHANGED FOR 0.16" DIA HOLES, MATERIAL 4140 Q&T CHANGED FOR 4140/4142, CMF .03 x 45° ON HEX CHANGED FOR .02 x 45°, REVISION ADDED, TEMPLATE UPDATED, MADE IN USA & S/N REMOVED FROM ENGRAVING, TEMPLATE UPDATED, SYMBOL CL SYM ADDED, CORRECTED T/N WAS -109 IS -111			18-584	VM
	REV.	DESCRIPTION		ECN #	BY
DESIGN	VM	DART AEROSPACE LTD			
DRAWN	ML 04/16/2018	HAWKESBURY, ONTARIO, CANADA			
CHECKED	ML 04/16/2018	TOOL PART #	REV. A		
MFG. APPR.	DD 04/16/2018	RBW109-3130-83-111	SHEET 1 OF 4		
APPROVED	ML 04/16/2018	TITLE	SCALE		
DATE 4/16/2018		TOOL ASSY	NTS		
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SECTION C-C



RBW109-3130-83-111-5 ARM



NOTES:

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1"

X.XX = +/- 0.01"
X.XXX = +/- 0.005"
X.XXXX = +/- 0.0005"

ANGLES / PARALLELISM / ECCENTRICITY / SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) BREAK SHARP EDGES: 0.005" TO 0.010"

7) IDENTIFICATION: MACHINE ENGRAVE PER CAD MODEL AS SHOWN OR DOT MARK T/N AS SHOWN

DESIGN	VM	DART AEROSPACE LTD	
DRAWN	ML 04/16/2018	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ML 04/16/2018	TOOL PART #	REV. A
MFG. APPR.	DD 04/16/2018	RBW109-3130-83-111	SHEET 4 OF 4
APPROVED	ML 04/16/2018	TITLE	SCALE
DATE 4/16/2018		TOOL ASSY	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041056**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO041056
PO Date: 9/18/18
Due Date: 9/27/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	182427	RBW109-3130-83-111	Tool Assembly - Black Oxide	Firmed	-	9/27/18	1 pcs	0 pcs	1 pcs	\$120.00/pcs	\$120.00
1X SEP 21 2018										Grand Total:	\$120.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/19/18 11:44 AM dart.tsimiklis.chrisoula

CT



Certificat de Conformité / Certificate of Compliance

(012791-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

012791 - 1

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
21-Sep-2018		Aman		041056 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBW109-3130-83-111-1 ✓ Rev.	RBW109-3130-83-111-1 01 -OXIDE BLACK [OXIDE BLACK]	OXIDE-BLACK CH	1	1 ✓	0	0	0

 DAS
 38
 9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.